

CITATION REPORT

List of articles citing

Low-dose X-ray radiotherapy-radiodynamic therapy via nanoscale metal-organic frameworks enhances checkpoint blockade immunotherapy

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#	Paper	IF	Citations
378	Nanoscale Metal-Organic Layers for Radiotherapy-Radiodynamic Therapy. 2018 , 140, 16971-16975		71
377	New opportunities for nanoparticles in cancer immunotherapy. 2018 , 22, 24		77
376	The application of nanotechnology in immune checkpoint blockade for cancer treatment. 2018 , 290, 28-45		42
375	Efficient Electrocatalytic Proton Reduction with Carbon Nanotube-Supported Metal-Organic Frameworks. 2018 , 140, 15591-15595		88
374	Metabolic reprogramming by Dichloroacetic acid potentiates photodynamic therapy of human breast adenocarcinoma MCF-7 cells. 2018 , 13, e0206182		6
373	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. <i>Nature Communications</i> , 2018 , 9, 4321	17.4	152
372	Photodynamic Therapy Based on Nanoscale Metal-Organic Frameworks: From Material Design to Cancer Nanotherapeutics. 2018 , 13, 3122-3149		55
371	Hypoxia-Triggered Nanoscale Metal-Organic Frameworks for Enhanced Anticancer Activity. 2018 , 10, 24638-24647		71
370	Systemic immune effects boost radiotherapy. <i>Nature Biomedical Engineering</i> , 2018 , 2, 562-563	19	4
369	Merging Photoredox and Organometallic Catalysts in a Metal-Organic Framework Significantly Boosts Photocatalytic Activities. 2018 , 57, 14090-14094		66
368	Merging Photoredox and Organometallic Catalysts in a Metal-Organic Framework Significantly Boosts Photocatalytic Activities. 2018 , 130, 14286-14290		21
367	Nanoscale metal-organic frameworks enhance radiotherapy to potentiate checkpoint blockade immunotherapy. <i>Nature Communications</i> , 2018 , 9, 2351	17.4	171
366	Nanoscale metal-organic frameworks and coordination polymers as theranostic platforms for cancer treatment. 2019 , 398, 113009		42
365	Engineering patient-specific cancer immunotherapies. <i>Nature Biomedical Engineering</i> , 2019 , 3, 768-782	19	66
364	NIR-II Driven Plasmon-Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxia-Induced Radiotherapy Tolerance. 2019 , 58, 15069-15075		84
363	Fe ₃ O ₄ @Pd Janus nanoparticles with amplified dual-mode hyperthermia and enhanced ROS generation for breast cancer treatment. 2019 , 4, 1450-1459		66
362	Codoping Enhanced Radioluminescence of Nanoscintillators for X-ray-Activated Synergistic Cancer Therapy and Prognosis Using Metabolomics. 2019 , 13, 10419-10433		30

361	Direct synthesis of robust hcp UiO-66(Zr) MOF using poly(ethylene terephthalate) waste as ligand source. 2019 , 290, 109674	26
360	Tumor Targeted Albumin Coated Bismuth Sulfide Nanoparticles (BiS) as Radiosensitizers and Carriers of Curcumin for Enhanced Chemoradiation Therapy. 2019 , 5, 4416-4424	25
359	In situ polymerization on nanoscale metal-organic frameworks for enhanced physiological stability and stimulus-responsive intracellular drug delivery. 2019 , 218, 119365	44
358	Nanocatalytic Medicine. 2019 , 31, e1901778	227
357	Engineering nanoparticles to locally activate T cells in the tumor microenvironment. 2019 , 4,	115
356	Facile Nanolization Strategy for Therapeutic Ganoderma Lucidum Spore Oil to Achieve Enhanced Protection against Radiation-Induced Heart Disease. 2019 , 15, e1902642	17
355	Hepatocellular Carcinoma Growth Retardation and PD-1 Blockade Therapy Potentiation with Synthetic High-density Lipoprotein. 2019 , 19, 5266-5276	24
354	National Cancer Institute Alliance for nanotechnology in cancer-Catalyzing research and translation toward novel cancer diagnostics and therapeutics. 2019 , 11, e1570	10
353	Organic Semiconducting Pro-nanostimulants for Near-Infrared Photoactivatable Cancer Immunotherapy. 2019 , 58, 12680-12687	197
352	Nanoscale Metal-Organic Framework Mediates Radical Therapy to Enhance Cancer Immunotherapy. 2019 , 5, 1892-1913	127
351	Organic Semiconducting Pro-nanostimulants for Near-Infrared Photoactivatable Cancer Immunotherapy. 2019 , 131, 12810-12817	35
350	Local biomaterials-assisted cancer immunotherapy to trigger systemic antitumor responses. 2019 , 48, 5506-5526	118
349	Co-delivery of PARP and PI3K inhibitors by nanoscale metal-organic frameworks for enhanced tumor chemoradiation. 2019 , 12, 3003-3017	16
348	Immune Checkpoint Blockade Mediated by a Small-Molecule Nanoinhibitor Targeting the PD-1/PD-L1 Pathway Synergizes with Photodynamic Therapy to Elicit Antitumor Immunity and Antimetastatic Effects on Breast Cancer. 2019 , 15, e1903881	71
347	Tumor-Targeted Drug and CpG Delivery System for Phototherapy and Docetaxel-Enhanced Immunotherapy with Polarization toward M1-Type Macrophages on Triple Negative Breast Cancers. 2019 , 31, e1904997	139
346	Activating Antitumor Immunity and Antimetastatic Effect Through Polydopamine-Encapsulated Core-Shell Upconversion Nanoparticles. 2019 , 31, e1905825	126
345	NIR-II Driven Plasmon-Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxia-Induced Radiotherapy Tolerance. 2019 , 131, 15213-15219	11
344	Engineered nanoparticles circumvent the adaptive treatment tolerance to immune-checkpoint blockade therapy. 2019 , 62, 1557-1560	5

343	Ultrathin Metal-Organic-Layer Mediated Radiotherapy-Radiodynamic Therapy. 2019 , 1, 1331-1353	55
342	Cerenkov Luminescence-Induced NO Release from 32P-Labeled ZnFe(CN) ₅ NO Nanosheets to Enhance Radioisotope-Immunotherapy. 2019 , 1, 1061-1076	43
341	Metal-organic frameworks for multimodal bioimaging and synergistic cancer chemotherapy. 2019 , 399, 213022	55
340	Current and emerging applications of nanostructured metal-organic frameworks in cancer-targeted theranostics. 2019 , 105, 110091	13
339	Electroactive metal-organic framework composites: Design and biosensing application. 2019 , 146, 111743	41
338	Degradable silver-based nanoplatforam for synergistic cancer starving-like/metal ion therapy. 2019 , 6, 169-175	78
337	CT/MRI-Guided Synergistic Radiotherapy and X-ray Inducible Photodynamic Therapy Using Tb-Doped Gd-W-Nanoscentillators. 2019 , 58, 2017-2022	59
336	Core-Shell Gold Nanorod@Zirconium-Based Metal-Organic Framework Composites as in Situ Size-Selective Raman Probes. 2019 , 141, 3893-3900	73
335	CT/MRI-Guided Synergistic Radiotherapy and X-ray Inducible Photodynamic Therapy Using Tb-Doped Gd-W-Nanoscentillators. 2019 , 131, 2039-2044	7
334	Multifunctional iron-based Metal-Organic framework as biodegradable nanozyme for microwave enhancing dynamic therapy. 2019 , 214, 119223	74
333	Functional T cell activation by smart nanosystems for effective cancer immunotherapy. 2019 , 27, 28-47	25
332	Bioengineering of Metal-organic Frameworks for Nanomedicine. 2019 , 9, 3122-3133	67
331	Strategies based on metal-based nanoparticles for hypoxic-tumor radiotherapy. 2019 , 10, 6932-6943	53
330	Iron Nanoparticles for Low-Power Local Magnetic Hyperthermia in Combination with Immune Checkpoint Blockade for Systemic Antitumor Therapy. 2019 , 19, 4287-4296	113
329	X-ray-activated nanosystems for theranostic applications. 2019 , 48, 3073-3101	104
328	Recent advances in nanomaterial-based synergistic combination cancer immunotherapy. 2019 , 48, 3771-3810	179
327	Combining Nanomedicine and Immunotherapy. 2019 , 52, 1543-1554	183
326	Mitochondrial Flexibility of Breast Cancers: A Growth Advantage and a Therapeutic Opportunity. 2019 , 8,	29

325	BiWO Semiconductor Nanoplates for Tumor Radiosensitization through High- Z Effects and Radiocatalysis. 2019 , 11, 18942-18952	48
324	Designing Bioinspired 2D MoSe ₂ Nanosheet for Efficient Photothermal-Triggered Cancer Immunotherapy with Reprogramming Tumor-Associated Macrophages. 2019 , 29, 1901240	107
323	Nanoscale Metal-Organic Framework Hierarchically Combines High-Z Components for Multifarious Radio-Enhancement. 2019 , 141, 6859-6863	40
322	Cancer nanomedicine for combination cancer immunotherapy. 2019 , 4, 398-414	372
321	Catalase-like metal-organic framework nanoparticles to enhance radiotherapy in hypoxic cancer and prevent cancer recurrence. 2019 , 10, 5773-5778	71
320	Monodisperse and Uniform Mesoporous Silicate Nanosensitizers Achieve Low-Dose X-Ray-Induced Deep-Penetrating Photodynamic Therapy. 2019 , 31, e1808024	68
319	NIR-Triggered Phototherapy and Immunotherapy via an Antigen-Capturing Nanoplatfrom for Metastatic Cancer Treatment. 2019 , 6, 1802157	137
318	MetalOrganic Framework (MOF) Hybrid as a Tandem Catalyst for Enhanced Therapy against Hypoxic Tumor Cells. 2019 , 131, 7890-7894	21
317	Metal-Organic Framework (MOF) Hybrid as a Tandem Catalyst for Enhanced Therapy against Hypoxic Tumor Cells. 2019 , 58, 7808-7812	97
316	Reactive Oxygen Species (ROS)-Based Nanomedicine. 2019 , 119, 4881-4985	776
315	Quercetin-Modified Metal-Organic Frameworks for Dual Sensitization of Radiotherapy in Tumor Tissues by Inhibiting the Carbonic Anhydrase IX. 2019 , 13, 4209-4219	50
314	Effective loading of cisplatin into a nanoscale UiO-66 metal-organic framework with preformed defects. 2019 , 48, 5308-5314	32
313	Core Concept: Holey synthetic materials open their pores to medical applications. 2019 , 116, 6513-6516	4
312	Breaking the Depth Dependence by Nanotechnology-Enhanced X-Ray-Excited Deep Cancer Theranostics. 2019 , 31, e1806381	65
311	Mesoporous silica/organosilica nanoparticles: Synthesis, biological effect and biomedical application. 2019 , 137, 66-105	74
310	Platinum Nanoparticles to Enable Electrodynamic Therapy for Effective Cancer Treatment. 2019 , 31, e1806803	70
309	Titanium-Based Nanoscale Metal-Organic Framework for Type I Photodynamic Therapy. 2019 , 141, 4204-4208	172
308	Engineering Nanoparticles to Reprogram the Tumor Immune Microenvironment for Improved Cancer Immunotherapy. 2019 , 9, 7981-8000	71

307	The Reciprocity between Radiotherapy and Cancer Immunotherapy. 2019 , 25, 1709-1717	43
306	Application of zirconium MOFs in drug delivery and biomedicine. 2019 , 380, 230-259	296
305	Mitochondria and plasma membrane dual-targeted chimeric peptide for single-agent synergistic photodynamic therapy. 2019 , 188, 1-11	97
304	Smart Injectable Hydrogels for Cancer Immunotherapy. 2020 , 30, 1902785	90
303	Aggregation-Induced Emission Gold Clustoluminogens for Enhanced Low-Dose X-ray-Induced Photodynamic Therapy. 2020 , 132, 10000-10007	10
302	Aggregation-Induced Emission Gold Clustoluminogens for Enhanced Low-Dose X-ray-Induced Photodynamic Therapy. 2020 , 59, 9914-9921	64
301	Materials for Immunotherapy. 2020 , 32, e1901633	78
300	Emerging Prospects for Nanoparticle-Enabled Cancer Immunotherapy. 2020 , 2020, 9624532	18
299	Dual pH-triggered catalytic selective Mn clusters for cancer radiosensitization and radioprotection. 2020 , 12, 548-557	16
298	Smart Nanovesicle-Mediated Immunogenic Cell Death through Tumor Microenvironment Modulation for Effective Photodynamic Immunotherapy. 2020 , 14, 620-631	101
297	Recent Progress of Nanoscale Metal-Organic Frameworks in Cancer Theranostics and the Challenges of Their Clinical Application. 2019 , 14, 10195-10207	10
296	Nanoscale metal-organic frameworks as key players in the context of drug delivery: evolution toward theranostic platforms. 2020 , 412, 37-54	19
295	Nanoscentillator-Mediated X-Ray Induced Photodynamic Therapy for Deep-Seated Tumors: From Concept to Biomedical Applications. 2020 , 10, 1296-1318	69
294	Diselenide-Pemetrexed Assemblies for Combined Cancer Immuno-, Radio-, and Chemotherapies. 2020 , 132, 2722-2726	8
293	Diselenide-Pemetrexed Assemblies for Combined Cancer Immuno-, Radio-, and Chemotherapies. 2020 , 59, 2700-2704	44
292	Highly Porous Hybrid Metal-Organic Nanoparticles Loaded with Gemcitabine Monophosphate: a Multimodal Approach to Improve Chemo- and Radiotherapy. 2020 , 15, 274-283	14
291	Nanoscale metal-organic frameworks for x-ray activated in situ cancer vaccination. 2020 , 6,	13
290	Triangle-Shaped Tellurium Nanostars Potentiate Radiotherapy by Boosting Checkpoint Blockade Immunotherapy. 2020 , 3, 1725-1753	40

289	Engineered Nanoparticles for Cancer Vaccination and Immunotherapy. 2020 , 53, 2094-2105	38
288	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. <i>Nature Communications</i> , 2020 , 11, 4951	17.4 45
287	Nanoscale Metal-Organic Framework Co-delivers TLR-7 Agonists and Anti-CD47 Antibodies to Modulate Macrophages and Orchestrate Cancer Immunotherapy. 2020 , 142, 12579-12584	39
286	BiVO@BiS Heterojunction Nanorods with Enhanced Charge Separation Efficiency for Multimodal Imaging and Synergy Therapy of Tumor.. 2020 , 3, 5080-5092	5
285	Engineering immunogenic cell death with nanosized drug delivery systems improving cancer immunotherapy. 2020 , 66, 36-43	4
284	Nanoparticle Phototherapy in the Era of Cancer Immunotherapy.. 2020 , 2, 1082-1095	5
283	Moving Beyond the Pillars of Cancer Treatment: Perspectives From Nanotechnology. 2020 , 8, 598100	6
282	Electric Pulse Responsive Magnetic Nanoclusters Loaded with Indoleamine 2,3-Dioxygenase Inhibitor for Synergistic Immuno-Ablation Cancer Therapy. 2020 , 12, 54415-54425	6
281	Exposure to a combination of silica nanoparticles and low-dose radiation aggravates lung fibrosis in mice via gut microbiota modulation. 2020 , 7, 3979-3998	3
280	Enhancing Combined Immunotherapy and Radiotherapy through Nanomedicine. 2020 , 31, 2668-2678	3
279	Encapsulating doxorubicin in PEGylation metal-organic frameworks for combined radiation therapy in liver cancer treatment. 2020 , 10, 1197-1203	4
278	Design and applications of water-stable metal-organic frameworks: status and challenges. 2020 , 423, 213507	41
277	Biodegradable pH-responsive amorphous calcium carbonate nanoparticles as immunoadjuvants for multimodal imaging and enhanced photoimmunotherapy. 2020 , 8, 8261-8270	10
276	Nanomaterials as Smart Immunomodulator Delivery System for Enhanced Cancer Therapy. 2020 , 6, 4774-4798	12
275	Cell and tissue engineering in lymph nodes for cancer immunotherapy. 2020 , 161-162, 42-62	22
274	Organelle-localized radiosensitizers. 2020 , 56, 10621-10630	14
273	Recent progress of chemodynamic therapy-induced combination cancer therapy. 2020 , 35, 100946	140
272	Recent advances in functional nanomaterials for X-ray triggered cancer therapy. 2020 , 30, 567-576	14

271	Navigating nMOF-mediated enzymatic reactions for catalytic tumor-specific therapy. 2020 , 7, 3176-3186	14
270	Photoacoustic-immune therapy with a multi-purpose black phosphorus-based nanoparticle. 2020 , 13, 1-13	5
269	Persistent anti-NY-ESO-1-specific T cells and expression of differential biomarkers in a patient with metastatic gastric cancer benefiting from combined radioimmunotherapy treatment: a case report. 2020 , 8,	3
268	Nanoscale Metal-Organic Frameworks for Cancer Immunotherapy. 2020 , 53, 1739-1748	53
267	Insights into Nanomedicine for Immunotherapeutics in Squamous Cell Carcinoma of the head and neck. 2020 , 16, 2506-2517	6
266	Dual activated NIR-II fluorescence and photoacoustic imaging-guided cancer chemo-radiotherapy using hybrid plasmonic-fluorescent assemblies. 2020 , 13, 3268-3277	16
265	Remodeling Tumor Microenvironment by Multifunctional Nanoassemblies for Enhanced Photodynamic Cancer Therapy. 2020 , 2, 1268-1286	25
264	Nanoparticles for immunotherapy. 2020 , 265-306	4
263	Biomimetic Diselenide-Bridged Mesoporous Organosilica Nanoparticles as an X-ray-Responsive Biodegradable Carrier for Chemo-Immunotherapy. 2020 , 32, e2004385	61
262	Mechanisms for Tuning Engineered Nanomaterials to Enhance Radiation Therapy of Cancer. 2020 , 7, 2003584	21
261	Gadolinium-Rose Bengal Coordination Polymer Nanodots for MR-/Fluorescence-Image-Guided Radiation and Photodynamic Therapy. 2020 , 32, e2000377	54
260	Nanomaterials for Combinational RadioImmuno Oncotherapy. 2020 , 30, 1910676	27
259	Safety Considerations of Cancer Nanomedicine-A Key Step toward Translation. 2020 , 16, e2000673	16
258	Oxygen Pathology and Oxygen-Functional Materials for Therapeutics. 2020 , 2, 1115-1147	6
257	Nanoscale Metal-Organic Frameworks Generate Reactive Oxygen Species for Cancer Therapy. 2020 , 6, 861-868	51
256	Designing immunogenic nanotherapeutics for photothermal-triggered immunotherapy involving reprogramming immunosuppression and activating systemic antitumor responses. 2020 , 255, 120153	39
255	Organic/inorganic nanocomposites for cancer immunotherapy. 2020 , 4, 2571-2609	21
254	Lightweight and Wearable X-Ray Shielding Material with Biological Structure for Low Secondary Radiation and Metabolic Saving Performance. 2020 , 5, 2000240	7

253	The blooming intersection of transcatheter hepatic artery chemoembolization and nanomedicine. 2020 , 31, 1375-1381	7
252	Colloidal nanoparticles as pharmaceutical agents. 2020 , 16, 89-115	1
251	Nanocomposites for X-Ray Photodynamic Therapy. 2020 , 21,	8
250	Enhanced tumor response to radiotherapy after PD-1 blockade in metastatic gastric cancer. 2020 , 23, 893-903	11
249	Biomaterial-based strategies to prime dendritic cell-mediated anti-cancer immune responses. 2020 , 65, 445-462	12
248	Electroactive Metal-Organic Frameworks as Emitters for Self-Enhanced Electrochemiluminescence in Aqueous Medium. 2020 , 59, 10446-10450	42
247	Full-Process Radiosensitization Based on Nanoscale Metal-Organic Frameworks. 2020 , 14, 3032-3040	36
246	Nanomaterials for radiotherapeutics-based multimodal synergistic cancer therapy. 2020 , 13, 2579-2594	18
245	Biomedical Integration of Metal-Organic Frameworks. 2020 , 2, 467-479	34
244	Magnetic targeting cobalt nanowire-based multifunctional therapeutic system for anticancer treatment and angiogenesis. 2020 , 194, 111217	5
243	Recent progress in tumor photodynamic immunotherapy. 2020 , 31, 1709-1716	42
242	Recent Progress of Potentiating Immune Checkpoint Blockade with External Stimuli-an Industry Perspective. 2020 , 7, 1903394	27
241	Nanomaterials innovation as an enabler for effective cancer interventions. 2020 , 242, 119926	24
240	Self-assembled CeVO/Au heterojunction nanocrystals for photothermal/photoacoustic bimodal imaging-guided phototherapy.. 2020 , 10, 2581-2588	4
239	Nanomaterials/microorganism-integrated microbiotic nanomedicine. 2020 , 32, 100854	19
238	Excipient-free porphyrin/SN-38 based nanotheranostics for drug delivery and cell imaging. 2020 , 13, 503-510	5
237	Piezoelectric Materials as Sonodynamic Sensitizers to Safely Ablate Tumors: A Case Study Using Black Phosphorus. 2020 , 11, 1228-1238	43
236	Enhancing cancer immunotherapy with nanomedicine. 2020 , 20, 321-334	245

235	Nanoscale Metal-Organic Frameworks: Synthesis, Biocompatibility, Imaging Applications, and Thermal and Dynamic Therapy of Tumors. 2020 , 30, 1908924	50
234	Electroactive Metal-Organic Frameworks as Emitters for Self-Enhanced Electrochemiluminescence in Aqueous Medium. 2020 , 132, 10532-10536	8
233	Advances in engineering local drug delivery systems for cancer immunotherapy. 2020 , 12, e1632	17
232	Immunologically modified MnFeO nanoparticles to synergize photothermal therapy and immunotherapy for cancer treatment. 2020 , 396, 125239-125239	28
231	Improving Cancer Immunotherapy Outcomes Using Biomaterials. 2020 , 132, 17484-17495	4
230	Biomimetic nanoscale metal-organic framework harnesses hypoxia for effective cancer radiotherapy and immunotherapy. 2020 , 11, 7641-7653	37
229	Improving Cancer Immunotherapy Outcomes Using Biomaterials. 2020 , 59, 17332-17343	21
228	Tumor Targeted Nanocarriers for Immunotherapy. 2020 , 25,	18
227	Metal-Organic Frameworks for Photodynamic Therapy: Emerging Synergistic Cancer Therapy. 2021 , 16, e1900382	20
226	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe ₄ Se ₂ W ₁₈ nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. 2021 , 36, 101003	10
225	Electromagnetic Nanomedicines for Combinational Cancer Immunotherapy. 2021 , 133, 12792-12815	9
224	Electromagnetic Nanomedicines for Combinational Cancer Immunotherapy. 2021 , 60, 12682-12705	56
223	High-Z Metal-Organic Frameworks for X-ray Radiation-Based Cancer Theranostics. 2021 , 27, 3229-3237	6
222	A historical perspective on porphyrin-based metal-organic frameworks and their applications. 2021 , 429,	43
221	Recent insight into functional crystalline porous frameworks for cancer photodynamic therapy. 2021 , 8, 848-879	12
220	Controlled release of immunotherapeutics for enhanced cancer immunotherapy after local delivery. 2021 , 329, 882-893	6
219	Biomimetic Anti-PD-1 Peptide-Loaded 2D FePSe Nanosheets for Efficient Photothermal and Enhanced Immune Therapy with Multimodal MR/PA/Thermal Imaging. 2021 , 8, 2003041	26
218	Bioengineering of nano metal-organic frameworks for cancer immunotherapy. 2020 , 14, 1-16	5

217	Biologically modified nanoparticles as theranostic bionanomaterials. <i>Progress in Materials Science</i> , 2021 , 118, 100768	42.2	55
216	Nanotechnology enabled reactive species regulation in biosystems for boosting cancer immunotherapy. 2021 , 36, 101035		10
215	Fucoidan-coated nanoparticles target radiation-induced P-selectin to enhance chemoradiotherapy in murine colorectal cancer. 2021 , 500, 208-219		13
214	Metal-ligand coordination nanomaterials for radiotherapy: emerging synergistic cancer therapy. 2021 , 9, 208-227		11
213	Diversified strategies based on nanoscale metal-organic frameworks for cancer therapy: The leap from monofunctional to versatile. 2021 , 431, 213676		11
212	Considerations for designing preclinical cancer immune nanomedicine studies. 2021 , 16, 6-15		25
211	Smart materials for drug delivery and cancer therapy. 2021 , 2, 20200042		25
210	Functional gadolinium-based nanoscale systems for cancer theranostics. 2021 , 329, 482-512		10
209	Nanoreactor of Butterfly effect inciting a triple interlocked combination of starvation/chemo/metal ion therapy by remodeling tumor microenvironment. 2021 , 405, 126571		4
208	Prospective of nanoscale metal organic frameworks [NMOFs] for cancer therapy. 2021 , 69, 129-139		11
207	Organic phosphors with bright triplet excitons for efficient X-ray-excited luminescence. 2021 , 15, 187-192		83
206	Noble Metal Nanomaterials for NIR-Triggered Photothermal Therapy in Cancer. 2021 , 10, e2001806		44
205	Supramolecular cancer nanotheranostics. 2021 , 50, 2839-2891		88
204	Photodynamic therapy: photosensitizers and nanostructures. 2021 , 5, 3788-3812		22
203	Nanoscale coordination polymers induce immunogenic cell death by amplifying radiation therapy mediated oxidative stress. <i>Nature Communications</i> , 2021 , 12, 145	17.4	36
202	Emerging strategies based on nanomaterials for ionizing radiation-optimized drug treatment of cancer. 2021 , 13, 13943-13961		0
201	Multifunctional metal-organic framework heterostructures for enhanced cancer therapy. 2021 , 50, 1188-1218		50
200	Structural diversity of nanoscale zirconium porphyrin MOFs and their photoactivities and biological performances. 2021 , 9, 7760-7770		4

199	Nanoscale Metal-Organic Layer Isolates Phthalocyanines for Efficient Mitochondria-Targeted Photodynamic Therapy. 2021 , 143, 2194-2199	32
198	Parallel Lipid Peroxide Accumulation Strategy Based on Bimetal-Organic Frameworks for Enhanced Ferrotherapy. 2021 , 27, 4307-4311	5
197	Emerging Nanomedicine-Enabled/Enhanced Nanodynamic Therapies beyond Traditional Photodynamics. 2021 , 33, e2005062	40
196	Targeted drug delivery strategies for precision medicines.. 2021 , 6, 351-370	86
195	High-resolution X-ray luminescence extension imaging. 2021 , 590, 410-415	113
194	Nanomedicine-based cancer immunotherapy: recent trends and future perspectives. 2021 , 28, 911-923	12
193	Recent Advancements in Nanomedicine for 'Cold' Tumor Immunotherapy. 2021 , 13, 92	10
192	Immune Checkpoint Inhibitor-Based Strategies for Synergistic Cancer Therapy. 2021 , 10, e2002104	10
191	Composite fast scintillators based on high-Z fluorescent metal-organic framework nanocrystals. 2021 , 15, 393-400	24
190	Functionalized Scintillating Nanotubes for Simultaneous Radio- and Photodynamic Therapy of Cancer. 2021 , 13, 12997-13008	3
189	Antitumor Agents Based on Metal-Organic Frameworks. 2021 , 133, 16901-16914	2
188	Antitumor Agents Based on Metal-Organic Frameworks. 2021 , 60, 16763-16776	46
187	Nanomedicine-Boosting Tumor Immunogenicity for Enhanced Immunotherapy. 2021 , 31, 2011171	20
186	Frontiers in the treatment of glioblastoma: Past, present and emerging. 2021 , 171, 108-138	29
185	Supramolecular metal-based nanoparticles for drug delivery and cancer therapy. 2021 , 61, 143-153	18
184	Endogenous Stimuli-Activatable Nanomedicine for Immune Theranostics for Cancer. 2021 , 31, 2100386	9
183	Synergistic Chemo-thermal Therapy of Cancer by DNA-Templated Silver Nanoclusters and Polydopamine Nanoparticles. 2021 , 13, 21653-21660	6
182	Zoledronic Acid-Gadolinium Coordination Polymer Nanorods for Improved Tumor Radioimmunotherapy by Synergetically Inducing Immunogenic Cell Death and Reprogramming the Immunosuppressive Microenvironment. 2021 , 15, 8450-8465	15

181	Beyond Photo: Xdynamic Therapies in Fighting Cancer. 2021 , 33, e2007488	16
180	Au@ZIF-8 Core-Shell Nanoparticles as a SERS Substrate for Volatile Organic Compound Gas Detection. 2021 , 93, 7188-7195	16
179	Lignin, lipid, protein, hyaluronic acid, starch, cellulose, gum, pectin, alginate and chitosan-based nanomaterials for cancer nanotherapy: Challenges and opportunities. 2021 , 178, 193-228	14
178	Nano-bio interfaces effect of two-dimensional nanomaterials and their applications in cancer immunotherapy.. 2021 , 11, 3447-3464	9
177	From Design to Clinic: Engineered Nanobiomaterials for Immune Normalization Therapy of Cancer. 2021 , 33, e2008094	16
176	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. 2021 ,	2
175	Improving anti-PD-L1 therapy in triple negative breast cancer by polymer-enhanced immunogenic cell death and CXCR4 blockade. 2021 , 334, 248-262	6
174	Recent advances in porous nanostructures for cancer theranostics. 2021 , 38,	7
173	ROS-based dynamic therapy synergy with modulating tumor cell-microenvironment mediated by inorganic nanomedicine. 2021 , 437, 213828	21
172	Radiodynamic Therapy Using TAT Peptide-Targeted Verteporfin-Encapsulated PLGA Nanoparticles. 2021 , 22,	3
171	A Tumor-Microenvironment-Responsive Nanocomposite for Hydrogen Sulfide Gas and Trimodal-Enhanced Enzyme Dynamic Therapy. 2021 , 33, e2101223	22
170	A stable biocompatible porous coordination cage promotes in vivo liver tumor inhibition. 2021 , 14, 3407-3415	3
169	Local Destruction of Tumors and Systemic Immune Effects. 2021 , 11, 708810	4
168	Consideration for the scale-up manufacture of nanotherapeuticsA critical step for technology transfer. 2021 , 2, 20200190	6
167	X-ray Shielding, Mechanical, Physical, and Water Absorption Properties of Wood/PVC Composites Containing Bismuth Oxide. 2021 , 13,	0
166	Nanomaterials-Based Photodynamic Therapy with Combined Treatment Improves Antitumor Efficacy Through Boosting Immunogenic Cell Death. 2021 , 16, 4693-4712	12
165	Co-Adjuvant Nanoparticles for Radiotherapy Treatments of Oncological Diseases. 2021 , 11, 7073	5
164	Progress in Light-Responsive Lanthanide Nanoparticles toward Deep Tumor Theranostics. 2104325	11

163	Second Near-Infrared Light-Activatable Polymeric Nanoantagonist for Photothermal Immunometabolic Cancer Therapy. 2021 , 33, e2101410	35
162	The application of nanoparticles in cancer immunotherapy: Targeting tumor microenvironment. 2021 , 6, 1973-1987	107
161	Mitochondria-Targeted Nanomedicine for Enhanced Efficacy of Cancer Therapy. 2021 , 9, 720508	6
160	Multifunctional Nanocarriers-Mediated Synergistic Combination of Immune Checkpoint Inhibitor Cancer Immunotherapy and Interventional Oncology Therapy. 2021 , 1, 2100010	2
159	Monte Carlo Simulations Reveal New Design Principles for Efficient Nanoradiosensitizers Based on Nanoscale Metal-Organic Frameworks. 2021 , 33, e2104249	4
158	Magnetostrictive-Piezoelectric-Triggered Nanocatalytic Tumor Therapy. 2021 , 21, 6764-6772	17
157	Metal-organic nanostructure based on TixOy/Ruthenium reaction Units: For CT/MR Imaging-Guided X-ray induced dynamic therapy. 2021 , 417, 129262	3
156	Advances in Engineered Polymer Nanoparticle Tracking Platforms towards Cancer Immunotherapy-Current Status and Future Perspectives. 2021 , 9,	5
155	Semiconducting Polymer Nanoparticles as Activatable Nanomedicines for Combinational Phototherapy. 2021 , 3, 4375-4389	9
154	Nanoscale MetalOrganic Layers for Biomedical Applications.	1
153	Emerging biocompatible nanoplatforms for the potential application in diagnosis and therapy of deep tumors. 20200174	1
152	Cancer immunotherapy: Classification, therapeutic mechanisms, and nanomaterial-based synergistic therapy. <i>Applied Materials Today</i> , 2021 , 24, 101149	6.6 2
151	Sustained Antitumor Immunity Based on Persistent Luminescence Nanoparticles for Cancer Immunotherapy. 2106884	5
150	Recent advances in immunotherapy, immunoadjuvant, and nanomaterial-based combination immunotherapy. 2021 , 442, 214009	6
149	Recent Advances in 2D Material-Mediated Immuno-Combined Cancer Therapy. 2021 , 17, e2102557	5
148	Application of smart nanoparticles as a potential platform for effective colorectal cancer therapy. 2021 , 442, 213949	9
147	Mito-Bomb: Targeting Mitochondria for Cancer Therapy. 2021 , 33, e2007778	21
146	Abscopal Effect and Drug-Induced Xenogenization: A Strategic Alliance in Cancer Treatment?. 2021 , 22,	

145	Photodynamic therapy: When van der Waals heterojunction meets tumor. 2021 , 421, 129773	2
144	Current trends and future perspectives of nanomedicine for the management of colon cancer. 2021 , 910, 174464	10
143	Current status and future perspective of immune checkpoint inhibitors in colorectal cancer. 2021 , 521, 119-129	1
142	Titanium carbide nanosheets with defect structure for photothermal-enhanced sonodynamic therapy. 2022 , 8, 409-419	15
141	Bioorthogonal Coordination Polymer Nanoparticles with Aggregation-Induced Emission for Deep Tumor-Penetrating Radio- and Radiodynamic Therapy. 2021 , 33, e2007888	29
140	When metal-organic framework mediated smart drug delivery meets gastrointestinal cancers. 2021 , 9, 3967-3982	5
139	The chemistry and applications of hafnium and cerium(iv) metal-organic frameworks. 2021 , 50, 4629-4683	41
138	Sono/Photodynamic Nanomedicine-Elicited Cancer Immunotherapy. 2021 , 31, 2008061	22
137	Oxygen-Enriched Metal-Phenolic X-Ray Nanoprocessor for Cancer Radio-Radiodynamic Therapy in Combination with Checkpoint Blockade Immunotherapy. 2021 , 8, 2003338	36
136	Next Generation of Cancer Immunotherapy: Targeting the Cancer-Immunity Cycle with Nanotechnology. 2020 , 191-253	1
135	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. 2020 , 13, 2209-2215	19
134	Lanthanide Metal-Organic Frameworks for Multispectral Radioluminescent Imaging. 2020 , 12, 26943-26954	15
133	Tumor microenvironment-responsive dynamic inorganic nanoassemblies for cancer imaging and treatment. 2021 , 179, 114004	7
132	Precise Subcellular Organelle Targeting for Boosting Endogenous-Stimuli-Mediated Tumor Therapy. 2021 , 33, e2101572	6
131	Nanotechnology-enhanced immunotherapy for metastatic cancer. 2021 , 2, 100174	5
130	Immunotherapy with mRNA vaccination and immunomodulation nanomedicine for cancer therapy. 2019 , 551-600	
129	Reprogramming of Neutrophils as Non-canonical Antigen Presenting Cells by Radiotherapy-Radiodynamic Therapy to Facilitate Immune-Mediated Tumor Regression. 2021 ,	1
128	Recent advances in functionalized upconversion nanoparticles for light-activated tumor therapy.. 2021 , 11, 35472-35488	2

127	Ultrathin metal-organic layer-mediated radiotherapy-radiodynamic therapy enhances immunotherapy of metastatic cancers. 2019 , 1, 1331-1353	16
126	Tailoring Aggregation Extent of Photosensitizer to Boost Phototherapy Potency for Eliciting Systemic Antitumor Immunity. 2021 , e2106390	13
125	Coordination Polymer-Coated CaCO Reinforces Radiotherapy by Reprogramming the Immunosuppressive Metabolic Microenvironment. 2021 , 34, e2106520	8
124	Harnessing the combined potential of cancer immunotherapy and nanomedicine: A new paradigm in cancer treatment. 2021 , 40, 102492	0
123	External stimuli-responsive nanomedicine for cancer immunotherapy. 2021 ,	
122	Combinatorial Therapeutic Approaches with Nanomaterial-Based Photodynamic Cancer Therapy.. 2022 , 14,	3
121	Superlow Dosage of Intrinsically Bioactive Zinc Metal-Organic Frameworks to Modulate Endothelial Cell Morphogenesis and Significantly Rescue Ischemic Disease.. 2022 ,	1
120	Multifunctional high- nanoradiosensitizers for multimodal synergistic cancer therapy.. 2022 ,	1
119	A scintillating nanoplatform with upconversion function for the synergy of radiation and photodynamic therapies for deep tumors.. 2022 , 10, 688-695	1
118	Nanoscale Metal-Organic Frameworks and Their Nanomedicine Applications.. 2021 , 9, 834171	1
117	Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. 1	4
116	Activatable UCL/CT/MR-enhanced imaging-guided radiotherapy and photothermal therapy.. 2022 ,	4
115	Visible-light photocatalysis promoted by solid- and liquid-phase immobilized transition metal complexes in organic synthesis. 2022 , 458, 214331	3
114	A Triple-Kill Strategy for Tumor Eradication Reinforced by Metal-Phenolic Network Nanopumps. 2113168	3
113	Full-route advances via biomimetic and biodegradable ultrasmall-in-nano architectures with radiation-photo synergy. 2022 , 43, 101427	1
112	Concluding remarks and future perspective of combination drug delivery systems. 2022 , 353-396	
111	A photochromic and scintillation Eu-MOF with visual X-ray detection in bright and dark environments.. 2022 ,	4
110	Rational design of ROS-responsive nanocarriers for targeted X-ray-induced photodynamic therapy and cascaded chemotherapy of intracranial glioblastoma.. 2022 ,	2

109	Iron oxide nanoparticles as a drug carrier reduce host immunosuppression for enhanced chemotherapy.. 2022 ,	0
108	Molecular phosphors for X-ray detection. 2022 ,	2
107	GSH-Responsive Metal-Organic Framework for Intratumoral Release of NO and IDO Inhibitor to Enhance Antitumor Immunotherapy.. 2022 , e2107732	3
106	The Landscape of Nanovectors for Modulation in Cancer Immunotherapy.. 2022 , 14,	0
105	Synergistic checkpoint-blockade and radiotherapy-radiodynamic therapy via an immunomodulatory nanoscale metal-organic framework.. <i>Nature Biomedical Engineering</i> , 2022 ,	19 5
104	Dimensional Reduction Enhances Photodynamic Therapy of Metal-Organic Nanophotosensitizers.. 2022 ,	3
103	DNA-Based MXFs to Enhance Radiotherapy and Stimulate Robust Antitumor Immune Responses.. 2022 ,	5
102	Emerging photodynamic nanotherapeutics for inducing immunogenic cell death and potentiating cancer immunotherapy.. 2022 , 282, 121433	12
101	Bionanoparticles in cancer imaging, diagnosis, and treatment. 20200027	2
100	Hafnium-Based Metal-Organic Framework Nanoparticles as a Radiosensitizer to Improve Radiotherapy Efficacy in Esophageal Cancer.. 2022 , 7, 12021-12029	1
99	Biomimetic radiosensitizers unlock radiogenetics for local interstitial radiotherapy to activate systematic immune responses and resist tumor metastasis.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 103 ⁹⁻⁴	3
98	Advancement of cancer immunotherapy using nanoparticles-based nanomedicine.. 2022 ,	5
97	Multifunctional nanomedicines for synergistic photodynamic immunotherapy based on tumor immune microenvironment.. 2022 ,	
96	Alloyed nanostructures integrated metal-phenolic nanoplatform for synergistic wound disinfection and revascularization.. 2022 , 16, 95-106	2
95	One-Step Integration of Tumor Microenvironment-Responsive Calcium and Copper Peroxides Nanocomposite for Enhanced Chemodynamic/Ion-Interference Therapy.. 2021 ,	17
94	Recent advances in radiation therapy and photodynamic therapy. 2021 , 8, 041322	5
93	Novel formulations of metal-organic frameworks for controlled drug delivery.. 2022 ,	4
92	Tumor Microenvironment-Responsive Yolk-Shell NaCl@Virus-Inspired Tetrasulfide-Organosilica for Ion-Interference Therapy Osmolarity Surge and Oxidative Stress Amplification.. 2022 ,	3

91	Multifunctional Nanosystems Powered Photodynamic Immunotherapy. 2022 , 13,		2
90	Two-dimensional metal-organic frameworks: from synthesis to bioapplications.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 207	9.4	1
89	Self-assembled nanospheres mediate phototherapy and deliver CpG oligodeoxynucleotides to enhance cancer immunotherapy of breast cancer and melanoma. 2022 , 44, 101498		0
88	Nanoscale Coordination Polymer Based on Bacterial Derivatives for Enhanced Radiotherapy in Neuroblastoma.		
87	Porphyrin-based metal-organic frameworks: focus on diagnostic and therapeutic applications.		
86	Nanoscale metal organic frameworks and their applications in disease diagnosis and therapy. 2022 , 180, 107595		1
85	Nanoparticle-enhanced radiotherapy synergizes with PD-L1 blockade to limit post-surgical cancer recurrence and metastasis. <i>Nature Communications</i> , 2022 , 13,	17.4	7
84	Emerging concepts in designing next-generation multifunctional nanomedicine for cancer treatment.		1
83	Immunogenic Cell Death Activates the Tumor Immune Microenvironment to Boost the Immunotherapy Efficiency. 2201734		16
82	Two-dimensional nanomaterials for tumor microenvironment modulation and anticancer therapy. 2022 , 187, 114360		0
81	Stimuli-Responsive Hybrid Vesicle for Tumor Dual-Model NIR-II Photoacoustic and Fluorescence Imaging and Precise Radiotherapy. 2200694		3
80	Nanobiomimetic Medicine. 2204791		0
79	Recent advances in porous nanomaterials-based drug delivery systems for cancer immunotherapy. <i>Journal of Nanobiotechnology</i> , 2022 , 20,	9.4	1
78	Highly luminescent scintillating hetero-ligand MOF nanocrystals with engineered Stokes shift for photonic applications. <i>Nature Communications</i> , 2022 , 13,	17.4	6
77	Catalytical nano-immunocomplexes for remote-controlled sono-metabolic checkpoint trimodal cancer therapy. <i>Nature Communications</i> , 2022 , 13,	17.4	10
76	Catalytic radiosensitization: Insights from materials physicochemistry. <i>Materials Today</i> , 2022 ,	21.8	2
75	Reactive oxygen nano-generators for cancer therapy. <i>Progress in Materials Science</i> , 2022 , 130, 100974	42.2	5
74	Dual-phase injectable thermosensitive hydrogel incorporating Fe ₃ O ₄ @PDA with pH and NIR triggered drug release for synergistic tumor therapy. <i>European Polymer Journal</i> , 2022 , 111424	5.2	0

73	Mitochondrial adaptation in cancer drug resistance: prevalence, mechanisms, and management. <i>Journal of Hematology and Oncology</i> , 2022 , 15,	22.4	4
72	Radiodynamic therapy with CsI(na)@MgO nanoparticles and 5-aminolevulinic acid. <i>Journal of Nanobiotechnology</i> , 2022 , 20,	9.4	
71	Nanoscale Hf-hematoporphyrin frameworks for synergetic sonodynamic/radiation therapy of deep-seated tumors. <i>Journal of Colloid and Interface Science</i> , 2022 , 626, 803-814	9.3	1
70	Recent progresses on radiotherapeutics-based treatment of cancer with two-dimensional nanomaterials. <i>Applied Materials Today</i> , 2022 , 29, 101584	6.6	
69	Nanoparticles for X-ray or Cherenkov radiation-induced photodynamic therapy. 2022 ,		
68	A Solar-Blind Perovskite Scintillator Realizing Portable X-ray Imaging. 2876-2883		2
67	Design Principles of Hybrid Nanomaterials for Radiotherapy Enhanced by Photodynamic Therapy. 2022 , 23, 8736		0
66	Nanoscale MOFs: from synthesis to drug delivery and theranostics applications. 2022 , 114496		4
65	Biomimetic material degradation for synergistic enhanced therapy by regulating endogenous energy metabolism imaging under hypothermia. 2022 , 13,		2
64	A 2D Nanoradiosensitizer Enhances Radiotherapy and Delivers STING Agonists to Potentiate Cancer Immunotherapy. 2110588		3
63	Multifunctional nanoparticle potentiates the in situ vaccination effect of radiation therapy and enhances response to immune checkpoint blockade. 2022 , 13,		1
62	Nanotechnology reinforced neutrophil-based therapeutic strategies for inflammatory diseases therapy. 2022 , 46, 101577		1
61	Nanoscale metal-organic framework-mediated immunogenic cell death boosting tumor immunotherapy. 2022 , 222, 111068		0
60	L-buthionine sulfoximine encapsulated hollow calcium peroxide as a chloroperoxidase nanocarrier for enhanced enzyme dynamic therapy. 2022 , 289, 121746		0
59	A heterogenic membrane-based biomimetic hybrid nanoplatfrom for combining radiotherapy and immunotherapy against breast cancer. 2022 , 289, 121810		2
58	Organic phosphorescent nanoscintillator for low-dose X-ray-induced photodynamic therapy. 2022 , 13,		3
57	Chemical Modulation of Glucose Metabolism with a Fluorinated CaCO ₃ Nanoregulator Can Potentiate Radiotherapy by Programming Antitumor Immunity. 2022 , 16, 13884-13899		1
56	Monte Carlo Simulation-Guided Design of a Thorium-Based Metal-Organic Framework for Efficient Radiotherapy-Radiodynamic Therapy.		0

55	Monte Carlo Simulation-Guided Design of a Thorium-Based Metal-Organic Framework for Efficient Radiotherapy-Radiodynamic Therapy.	2
54	Ru-based Metal-Organic Nanoradiosensitizers Enhance Radiotherapy by Combining ROS Generation and CO Gas Release.	1
53	Ru-based Metal-Organic Nanoradiosensitizers Enhance Radiotherapy by Combining ROS Generation and CO Gas Release.	0
52	Nanoscale metal-organic frameworks for photodynamic therapy and radiotherapy. 2022 , 38, 100871	0
51	Nanoparticles for Enhanced Radiotherapy and Imaging Applications. 2022 , 21-57	0
50	Activating Nanomedicines with Electromagnetic Energy for Deep-Tissue Induction of Immunogenic Cell Death in Cancer Immunotherapy. 2201083	0
49	Transcranial Deep-tissue Phototherapy for Alzheimer's Disease using Low-Dose X-ray-Activated Long-Afterglow Scintillators. 2022 ,	0
48	Biogenic platinum nanoparticles on bacterial fragments for enhanced radiotherapy to boost antitumor immunity. 2022 , 47, 101656	0
47	Advanced techniques for performing photodynamic therapy in deep-seated tissues. 2022 , 291, 121875	3
46	Development of nanotechnology-mediated precision radiotherapy for anti-metastasis and radioprotection.	1
45	Recent advances in metal-organic frameworks for X-ray detection.	0
44	One-pot synthesis of lanthanide-activated NaBiF ₄ nanoscintillators for high-resolution X-ray luminescence imaging. 2022 , 119492	0
43	Recent Progress and Trends in X-ray-Induced Photodynamic Therapy with Low Radiation Doses.	0
42	Immunological conversion of solid tumours using a bispecific nanobioconjugate for cancer immunotherapy.	1
41	Nanosensitizer-mediated unique dynamic therapy tactics for effective inhibition of deep tumors. 2023 , 192, 114643	1
40	Nanomedicine embraces cancer radio-immunotherapy: mechanism, design, recent advances, and clinical translation.	0
39	Catalytic nanotechnology of X-ray photodynamic for cancer treatment.	0
38	Mixed-valence Pt(0)/Pt ²⁺ nanoassemblies as high-Z radiosensitizers and metallo-immune regulators for potent radiotherapy of breast cancer. 2023 , 48, 101708	1

- 37 Nanoparticles-based phototherapy systems for cancer treatment: Current status and clinical potential. **2023**, 23, 471-507 ○
- 36 Advancing X-ray Luminescence for Imaging, Biosensing, and Theragnostics. ○
- 35 Nanoparticle-Mediated Radiotherapy Remodels the Tumor Microenvironment to Enhance Antitumor Efficacy. 2206370 ○
- 34 Recent advances in developing active targeting and multi-functional drug delivery systems via bioorthogonal chemistry. **2022**, 7, ○
- 33 Biomimetic Active Materials Guided Immunogenic Cell Death for Enhanced Cancer Immunotherapy. 2201412 ○
- 32 Electricity-Assisted Cancer Therapy: From Traditional Clinic Applications to Emerging Methods Integrated with Nanotechnologies. 2200143 ○
- 31 Hybrid Nanomaterials for Cancer Immunotherapy. 2204932 2
- 30 Application of individualized multimodal radiotherapy combined with immunotherapy in metastatic tumors. 13, ○
- 29 Bandgap-Engineered Germanene Nanosheets as an Efficient Photodynamic Agent for Cancer Therapy. ○
- 28 Metal-free Far-red Light-driven-Photolysis via Triplet Fusion to Enhance Checkpoint Blockade Immunotherapy. ○
- 27 Metal-organic coordination polymers for delivery of immunomodulatory agents, and infectious disease and cancer vaccines. ○
- 26 A Cell-Penetrating Peptide Modified Cu₂Se/Au Nanohybrid with Enhanced Efficacy for Combined Radio-Photothermal Therapy. **2023**, 28, 423 ○
- 25 Metal-free Far-red Light-driven-Photolysis via Triplet Fusion to Enhance Checkpoint Blockade Immunotherapy. ○
- 24 Bandgap-Engineered Germanene Nanosheets as an Efficient Photodynamic Agent for Cancer Therapy. ○
- 23 Nano-ROS-generating approaches to cancer dynamic therapy: Lessons from nanoparticles. **2023**, 457, 141225 ○
- 22 Metabolic Reprogramming of NK Cells by Black Phosphorus Quantum Dots Potentiates Cancer Immunotherapy. 2202519 ○
- 21 Application of nano-radiosensitizers in combination cancer therapy. ○
- 20 Glutathione-Induced In Situ Michael Addition between Nanoparticles for Pyroptosis and Immunotherapy. ○

- 19 Interfering biosynthesis by nanoscale metal-organic frameworks for enhanced radiation therapy. **2023**, 295, 122035 ○
- 18 TantalumZirconium Co-Doped MetalOrganic Frameworks Sequentially Sensitize RadioRadiodynamicImmunotherapy for Metastatic Osteosarcoma. **2023**, 10, ○
- 17 Boosting Checkpoint Immunotherapy with Biomaterials. **2023**, 17, 3225-3258 ○
- 16 Reactive oxygen species as mediators of disease progression and therapeutic response in colorectal cancer. ○
- 15 X-Ray Activatable Au/Ag Nanorods for Tumor Radioimmunotherapy Sensitization and Monitoring of the Therapeutic Response Using NIR-II Photoacoustic Imaging. **2023**, 10, ○
- 14 Radiation-Induced Immunogenic Cell Death for Cancer Radioimmunotherapy. 2201401 ○
- 13 2D Nano-Sonosensitizers Facilitate Energy Transfer to Enhance Sonodynamic Therapy. ○
- 12 Nanocarriers in The Treatment of Head and Neck Cancer. **2023**, 255-279 ○
- 11 Modulated self-assembly of hcp topology MOFs of Zr/Hf and the extended 4,4'-(ethyne-1,2-diyl)dibenzoate linker. **2023**, 25, 2119-2124 ○
- 10 Nanobiotechnology-mediated radioimmunotherapy treatment for triple-negative breast cancer. **2023**, 2, ○
- 9 Glutathione-Induced In Situ Michael Addition between Nanoparticles for Pyroptosis and Immunotherapy. ○
- 8 Remote control of cellular immunotherapy. ○
- 7 High-Performance X-Ray Imaging using Lanthanide MetalOrganic Frameworks. 2207004 ○
- 6 Molecular Sensitization Enabled High Performance Organic Metal Halide Hybrid Scintillator. ○
- 5 Application of nanotechnology in reversing therapeutic resistance and controlling metastasis of colorectal cancer. 29, 1911-1941 ○
- 4 Harnessing Hafnium-Based Nanomaterials for Cancer Diagnosis and Therapy. ○
- 3 Smart Nanomaterials in Cancer Theranostics: Challenges and Opportunities. ○
- 2 A 2D+2D Strategy for Tumor Immune Microenvironment Remodeling Based on Complementary Immune Checkpoint Blockade. **2023**, 142956 ○

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Mitochondria-Targeted Nanosystem Enhances RadioRadiodynamicChemodynamic Therapy on Triple Negative Breast Cancer. **2023**, 15, 21941-21952

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